



Forensic Analytical

July 16, 1996

Mr. Mario Stavale
Project Manager
McDonnell Douglas Realty Company
4060 Lakewood Blvd., 6th floor
Long Beach, California 90808-1700

Re: Bulk Sampling and Analysis for Possible Asbestos Content
Project: Harbor Gateway Center, Torrance, CA, Buildings 37, 61, & 67
Contract No.: 96-055TO
Attachment: Twenty-one (21) pages, Bulk Material Analysis Report No.: 581525

Dear Mr. Stavale:

On July 12, 1996, Mr. Trinidad Rodriguez, CSST #92-0166, of Forensic Analytical conducted bulk sampling of roofing material at the location described above. A total of eighteen roofing material samples were collected, six from each building (37, 61, and 67).

Samples of the following suspect materials were collected and analyzed by Polarized Light Microscopy (PLM) at Forensic's Rancho Dominguez, CA laboratory. Amounts are estimates only and should be verified by the contractor prior to removal.

BUILDING 37

<u>Material</u>	<u># of Samples</u>	<u>Asbestos %</u>	<u>Amount</u>
► Penetration Tar	2 samples	1-5% asbestos	=100 sq. ft.
► Perimeter Tar Sealant	2 samples	5-10% asbestos	=2,000 sq. ft.
► Roofing Field Material	1 sample (S. Roof)	5-10% asbestos	=116,933 sq. ft.
	1 sample (N. Roof)	1-5% asbestos as a composite (20-25% asbestos concentrated in bottom layer of fibrous white material)	=116,933 sq. ft.

BUILDING 61

<u>Material</u>	<u># of Samples</u>	<u>Asbestos %</u>	<u>Amount</u>
► Penetration Tar	2 samples	5-10% asbestos	=120 sq. ft.
► Perimeter Tar Sealant	2 samples	5-10% asbestos	=1,600 sq. ft.
► Roofing Field Material	2 samples	No Detectable Levels of Asbestos	